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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,457	06/28/2001	Richard W. DeLange	GP-39-2	7404

7590 02/13/2002

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EXAMINER

NICHOLSON, ERIC K

ART UNIT	PAPER NUMBER
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3627

DATE MAILED: 02/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/894,457

Applicant(s)

DELANGE ET AL.

Examiner

Eric K Nicholson

Art Unit

3627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-38 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 24-38 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 24-29,32,34,35 and 37 are rejected under 35 U.S.C. § 102(b) as being clearly anticipated by U.S. patent 4,366,971 to Lula. See outer metal tube 12 with a first corrosion-resistant material ring 26 secured to its first end via welding (col. 3, lines 25-30) and forming a first annular securing locus. Stainless steel liner 34 is welded to the first ring at 42 and also secured to the tube 12 (col. 4, lines 1-5). As to claims 27 and 34 which refer to a second corrosion-resistant material ring secured to a second end of the tube, while the second end of the tube is not shown in the drawings it is considered by the examiner that the second tube 12 shown by the figures 2 and 3 would be representative of the other end of the first tube 12 shown due to its down hole use and therefore the tube 12 would include a second ring attached thereto in a like manner.

Claims 24-32 and 34-37 are rejected under 35 U.S.C. § 102(b) as being clearly anticipated by U.S. patent 4,509,776 to Yoshida et al.. See outer metal tube 3 with a first corrosion-resistant material ring secured to its first end via friction welding and forming a first annular securing locus. Stainless steel liner 4 is secured to the first ring and to the tube 3. As to claims 27 and 34 which refer to a second corrosion-resistant material ring secured to a second end of the tube, while the second end of the tube is not shown in the drawings it is considered by the examiner that the second tube 3 shown by the figure 18 would be representative of the other end of the first tube 3 shown due to its down hole use and therefore the tube 3 would include a second ring attached thereto in a like manner.

Claims 24-38 are rejected under 35 U.S.C. § 102(b) as being clearly anticipated by U.S. patent 4,883,292 to Kuroki. See outer metal tube 6', 12 with a first corrosion-resistant material ring 11' secured to its first end and forming a first annular securing locus. Liner 15 is welded to the first ring at 17 and also secured to the tube. As to claims 27 and 34 which refer to a second corrosion-resistant material ring secured to a second end of the tube, while the second end of the tube is not shown in the drawings it is considered by the examiner that the second tube


6' shown by the figure 11 would be representative of the other end of the first tube 6' shown due to its down hole use and therefore the tube 12 would include a second ring attached thereto in a like manner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Nicholson whose telephone number is (703) 308-0829. The examiner can normally be reached on Tuesdays thru Fridays from 7:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bethanne Dayoan, can be reached on (703) 308-3865. The fax phone number for Technical Center 3600 is (703) 305-3597.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technical Center receptionist whose telephone number is (703) 308-2168.

ekn
2/1/02


Eric K. Nicholson
Primary Examiner
Technology Center 3600